2. Carolyn

Program Name: Carolyn.java   **Input File: carolyn.dat**

Carolyn enjoys the simple things in life: sunsets, old movies, and quiet walks are among her favorites. Also on her list are triangles and letters of the alphabet. She needs you to write a program to utilize those last two items.

Write a program that accepts the input of a two-character string. Create the right triangle by moving from the first letter to the second letter.

Example: `AC` would create the following triangle.
```
A
BB
CCC
```

Note: If the second letter occurs before the first letter in the alphabet, the order of the letters will be in reverse.
Example: `CA` would create the following triangle.
```
C
BB
AAA
```

Input: The first line consists of a number N, representing the number of lines of data to follow. N will be in the range of [1,50]. The next N lines of data consist of one string that is two characters in length. Each character will be an upper-case letter.

Output: Each output will consist of a right triangle of letters starting with the first letter and ending with the second letter. Each row in the right triangle will increase in length by one as you move from row-to-row.

Sample input:
```
5
AD
HH
PL
JS
DA
```

Sample output:
```
A
BB
CCC
DDDD
H
P
OO
NNN
MMMM
LLLLL
J
KK
LLL
MMMM
NNNNN
OOOOOO
PPPPPPP
QQQQQQQQ
RRRRRRRRR
SSSSSSSSSS
D
CC
BBB
AAAA
```